CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/611,244A

CRF Processing Date: 11/3/03
Edited by: _____
Verified by: _____ (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
  _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
  _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
  _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
  _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
  _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
  _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:
  _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
  _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other:
  _____
  _____
  _____
  _____

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 11/19/2002
PATENT APPLICATION: US/10/091,244A TIME: 09:55:14

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\11192002\J091244A.raw

<110> APPLICANT: Gokhale, Rajesh
Tsuji, Stuart
Khosla, Chaitan
<120> TITLE OF INVENTION: METHODS TO MEDIATE POLYKETIDE SYNTHASE MODULE EFFECTIVENESS
<130> FILE REFERENCE: 300622004620
<140> CURRENT APPLICATION NUMBER: US 10/091,244A
<141> CURRENT FILING DATE: 2002-03-04
<150> PRIOR APPLICATION NUMBER: 09/500,747
<151> PRIOR FILING DATE: 2000-02-09
<150> PRIOR APPLICATION NUMBER: 60/119,363
<151> PRIOR FILING DATE: 1999-02-09
<150> PRIOR APPLICATION NUMBER: 60/272,985
<151> PRIOR FILING DATE: 2001-03-02
<150> PRIOR APPLICATION NUMBER: 60/272,987
<151> PRIOR FILING DATE: 2001-03-02
<160> NUMBER OF SEQ ID NOS: 24
<170> SOFTWARE: FastSEQ for Windows Version 4.0
<210> SEQ ID NO: 1
<211> LENGTH: 15
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Nhe site upstream of the KS at position 7570
<400> SEQUENCE: 1
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<210> SEQ ID NO: 2
<211> LENGTH: 15
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Nhe site upstream of the KS at position 28710
<400> SEQUENCE: 2
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<210> SEQ ID NO: 3
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Intra-polypeptide linker
<400> SEQUENCE: 3
Gly Gly Ala Thr Gly Ala Glu Gln Ala Ala Pro Ala Thr Thr Ala Pro
1 5 10 15

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PATENT APPLICATION: US/10/091,244A TIME: 09:55:14

Input Set : A:\PTO.DC.txt
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69 <210> SEQ ID NO: 4
70 <211> LENGTH: 18
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Intra-polypeptide linker
77 <400> SEQUENCE: 4
78 Val Gly Asp Ala Asp Gln Ala Ala Val Arg Val Val Gly Ala Ala Asp
79  1               5                  10                  15
81 Gln Ser
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 21
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Intra-polypeptide linker
93 <400> SEQUENCE: 5
94 Val Gly Ala Ala Glu Ala Glu Gln Ala Pro Ala Leu Val Arg Glu Val
94  1               5                  10                  15
96 Pro Lys Asp Ala Asp
96             20
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 17
101 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Intra-polypeptide linker
107 <400> SEQUENCE: 6
108 Phe Gly Ser Ala Ala Asn Arg Pro Ala Glu Ile Gly Thr Ala Ala Ala
109  1               5                  10                  15
110 Gly
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 17
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Intra-polypeptide linker
122 <400> SEQUENCE: 7
123 Leu Gly Glu Arg Pro Ala Ala Pro Ala Pro Val Thr Arg Asp Val Ser
124  1               5                  10                  15
125 Asp
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 19
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Intra-polypeptide linker
137 <400> SEQUENCE: 8
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136 Gly Glu Thr Val Ala Gly Ala Pro Ala Thr Pro Val Thr Thr Val Ala
137 1 5 10 15
138 Asp Ala Gly
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 21
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Intra-polypeptide linker
145 <400> SEQUENCE: 9
146 Glu Leu Phe Thr Gly Glu Asn Pro Ala Pro Val Arg Gly Pro Val Ser
147 1 5 10 15
148 Ala Val Gly Gln Asp
149 20
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 21
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Intra-polypeptide linker
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157 Glu Leu Phe Thr Gly Glu Asn Pro Ala Pro Val Arg Gly Pro Val Ser
158 1 5 10 15
159 Val Val Gly Gln Asp
160 20
161 <210> SEQ ID NO: 11
162 <211> LENGTH: 20
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Intra-polypeptide linker
167 <400> SEQUENCE: 11
168 Glu Leu Phe Thr Gly Glu Asn Pro Ala Pro Val Arg Gly Pro Val Ser
169 1 5 10 15
170 Ala Gly Gln Asp
171 20
172 <210> SEQ ID NO: 12
173 <211> LENGTH: 30
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
178 <400> SEQUENCE: 12
179 Val Thr Asp Ser Glu Lys Val Ala Glu Tyr Leu Arg Arg Ala Thr Leu
180 1 5 10 15
181 Asp Leu Arg Ala Ala Arg Gln Arg Ile Arg Glu Leu Glu Ser
182 20 25 30
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 38

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206 <210> TYPE: PRT
207 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
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213 Met Ser Gly Asp Asn Gly Met Thr Glu Glu Lys Leu Arg Arg Tyr Leu
214 1 5 10 15
215 Lys Arg Thr Val Thr Glu Leu Asp Ser Val Thr Ala Arg Leu Arg Glu
216 20 25 30
217 Val Ala His Arg Ala Gly
218 35
221 <210> SEQ ID NO: 14
222 <211> LENGTH: 34
223 <212> TYPE: PRT
224 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
227 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
228 <400> SEQUENCE: 14
231 Met Ser Ala Pro Asn Glu Gln Ile Val Asp Ala Leu Arg Ala Ser Leu
232 1 5 10 15
233 Lys Glu Asn Val Arg Leu Gln Gln Glu Asn Ser Ala Leu Ala Ala Ala
234 20 25 30
235 Ala Ala
239 <210> SEQ ID NO: 15
240 <211> LENGTH: 34
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
247 <400> SEQUENCE: 15
247 Val Ser Ala Ser Tyr Glu Lys Val Val Glu Ala Leu Arg Lys Ser Leu
248 1 5 10 15
249 Glu Glu Val Gly Thr Leu Lys Lys Arg Asn Arg Gln Leu Ala Asp Ala
250 20 25 30
251 Ala Gly
255 <210> SEQ ID NO: 16
256 <211> LENGTH: 33
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
263 <400> SEQUENCE: 16
264 Val Ala Asp Glu Gly Gln Leu Arg Asp Tyr Leu Lys Arg Ala Ile Ala
265 1 5 10 15
266 Asp Ala Arg Asp Ala Arg Thr Arg Leu Arg Glu Val Glu Glu Gln Ala
267 20 25 30
268 Arg
272 <210> SEQ ID NO: 17
273 <211> LENGTH: 33

RAW SEQUENCE LISTING DATE: 11/19/2002
PATENT APPLICATION: US/10/091,244A TIME: 09:55:14

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\11192002\J091244A.raw

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275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
280 <400> SEQUENCE: 17
281 Met Ala Thr Asp Glu Lys Leu Leu Lys Tyr Leu Lys Arg Val Thr Ala
282 1 5 10 15
283 Lys Leu His Ser Leu Arg Lys Gln Gly Ala Arg His Ala Asp
284 20 25 30
287 <210> SEQ ID NO: 18
288 <211> LENGTH: 32
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
295 <400> SEQUENCE: 18
296 Met Arg Glu Asp Gln Leu Leu Asp Ala Leu Arg Lys Ser Val Lys Glu
297 1 5 10 15
298 Asn Ala Arg Leu Arg Lys Ala Asn Thr Ser Leu Arg Ala Ala Met Asp
299 20 25 30
302 <210> SEQ ID NO: 19
303 <211> LENGTH: 33
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: N-Terminal Inter-polypeptide linker
310 <400> SEQUENCE: 19
311 Met Pro Glu Gln Asp Lys Val Val Glu Tyr Leu Arg Trp Ala Thr Ala
312 1 5 10 15
313 Glu Leu His Thr Thr Arg Ala Lys Leu Glu Ala Leu Ala Ala Ala Asn
314 20 25 30
315 Thr
318 <210> SEQ ID NO: 20
319 <211> LENGTH: 31
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: N-terminal linker of M3
327 <400> SEQUENCE: 20
328 Met Thr Asp Ser Glu Lys Val Ala Glu Tyr Leu Arg Arg Ala Thr Leu
329 1 5 10 15
330 Asp Leu Arg Ala Ala Arg Gln Arg Ile Arg Glu Leu Glu Ser Asp
331 20 25 30
334 <210> SEQ ID NO: 21
335 <211> LENGTH: 25
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: primer

VERIFICATION SUMMARY DATE: 11/19/2002
PATENT APPLICATION: US/10/091,244A TIME: 09:55:15

Input Set : A:\PTO.DC.txt
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